

### REMARKS

In response to the Restriction Requirement mailed on May 7, 2002, applicants elect, without traverse, Group I. Further, applicants have amended the elected claims to clarify features of the invention.

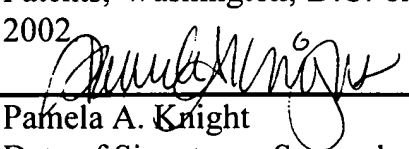
Regarding the election of species requirement of paragraph 9 of the Office action, applicants elect coded carriers formed at least partially by differently colored layers or bundled fibers in which the colors of the layers at least partially define the code. Applicants elect cells as the substance attached to the carrier and identified by the code. Applicants elect glass for the composition of layers.

Please proceed with examination of the application in view of applicants' response to the pending restriction requirement. Please call applicants' attorney if there are any additional questions or issues to address.

### CERTIFICATE OF MAILING

Respectfully submitted,

I hereby certify that the attached correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Box FEE AMENDMENT, Commissioner for Patents, Washington, D.C. on September 9, 2002.

  
Pamela A. Knight

Date of Signature: September 9, 2002

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PATENT TRADEMARK OFFICE

VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Claims

The claims have been amended as follows (material to be inserted is in **bold and underlined**, material to be deleted is in ~~[brackets and strikeout]~~):

1. (Amended) A chemical-library composition comprising

~~[(e)]~~ **(a)** a plurality of coded carriers, each having **a code formed by a plurality of** ~~[N>1]~~ spatial code positions and one **of a plurality** of ~~[M>2]~~ optically detectable indicia at each code position, so that each carrier **is a member of a carrier class identified by a distinct code,** ~~[can be optically identified by one of up to  $M^N$  different code combinations, each of said  $M>2$  indicia being a different color,]~~ and

~~[(d) a different known chemical compound carried on each different combination carrier.]~~

**(b) each of at least two of the carrier classes being attached to different chemical compounds or cell populations that can be identified by the code on the respective class of carriers,**

**wherein each of said carriers includes separate layers or bundled fibers, the layers or bundled fibers having colors that at least partially define the code.**

3. (Amended) The composition of claim 1 ~~[2]~~, wherein each carrier is a cylinder of stacked layers~~[, where the cylinder diameters are in the 1 to 200 micron range]~~.

6. (Amended) The composition of claim 1, wherein the different compounds in the composition are **selected from the group consisting of** peptides, oligopeptides, **and** proteins[, ~~having one or more known identifiable characteristics~~].